TransForm NSD-210

Networked Single Display video wall controller

TransForm NSD-210 is a compact and cost-effective video wall controller perfectly suited for visualizing networked video sources next Windows local based applications. It enables customers to capture networked sources from anywhere, and display them combined in high resolution on a video wall up to 16 HD.

Flexibly configurable platform

The TransForm NSD-210 is flexibly configurable and can either be used as a standalone video wall controller, powered by Barco's CMS control room management software, or act as a perfectly integrated Windows 10 based display node for a video wall in a networked TransForm N solution.

As a fully qualified platform for running Barco's advanced CMS control room management software, TransForm NSD 210 allows organizing display content (including 3D-accelerated) in a smart way to enhance awareness and improve decision-making.

Possibility to integrate into networked visualization system

TransForm NSD-210 can be used as a display controller running all types of Windows based local applications and at the same time being part of a TransForm N networked visualization system, capable of controlling multiple video walls. This offers customers a complete data overview, while providing them with interaction and collaboration possibilities. As such, information can be shared between multiple sites, making crucial information omnipresent throughout your organization and beyond.

Available configurations

TransForm NSD-210 can be freely configured and deployed serving multiple use-cases:
• As a standalone Single Display video wall controller, running the full CMS Control

BARCO

room Management system in a single box

• As a Single Display node in a TransForm N installation, running only the client parts of CMS on the NSD-210, and being part of a centrally managed TransForm N installation

• As an Application Node in a TransForm N installation, where the graphical output of any Windows applications is transferred over the network to TransForm N Display Nodes

• As a Pro-Gateway Node in a TransForm N installation enabling Interactive Websources and/or visualisation of Proserver or VNC sources on multiple and any type of TransForm N Display Node

PRODUCT SPECIFICATIONS	TRANSFORM NSD-210
Processor	Intel(R) Core(TM) i7 Quad core 3.2GHz (max Turbo frequency 4.0GHz) processor
Memory	16 GB RAM
Hard disk	256 GB Solid-State Disk SSD
Operating system	Windows 10 64-bit IoT Enterprise
Software	Any CMS deployment, CMS Basic is advised for standalone use
Network	2x 1Gb/s LAN
Graphics card	4-channel professional high-performance NVIDIA Quadro-series graphic card
Output	Up to 4 4K-UHD displays Up to 16 HD displays with Barco loop-through displays
Streaming video standards	H.264, MPEG-2/4, MxPEG, MJPEG, V2D, H.263, VNC, Pro-Server ■ For all supported codecs see our continuously extended supported encoders reference list ■ For supported number of sources see VCORE Check tool
Form factor	3U ½ 19" Rackmount housing
Dimensions	133mm x 220mm x 300mm | 5.24" x 8.66" x 11.81"
Weight	6.3 kg (8.1 kg incl. packaging)
Power supply	100-240V, 6-3A, 50/60Hz
Power consumption	Typ. 143W | max. 217W
Temperature range	0° -40° C | 32° -104° F
Humidity	Max. 80% (non-condensing)
Noise Level	Max. 36dbA (measured at 1m/32.8ft distance at 22°/72)
Compliance	CE,CB, IEC 609501, ETL, FCC Class A, CCC, CU-EAC, BIS, RCM Regulatory Model Id: NGP-210
Order Information	R9821009 Transform NSD-210 (no power cable) R9821009B TransForm NSD-210 (US-type power cable) R9821009F TransForm NSD-210 (EU-type power cable) R9821009G TransForm NSD-210 (UK-type power cable) R9821009I TransForm NSD-210 (CN-type power cable) R9821009X TransForm NSD-210 (C13/C14-type power cable) R9832730 TransForm N CMS Basic License SD (Pkg) R9832702 TransForm N CMS Viewer License R9832699 TransForm N CMS Sidebar License R9832703 TransForm N CMS API License R9832714 TransForm N CMS Localization License